

Modification of Ribonuclease from *Bacillus intermedius* by Dialdehyde Dextran

Kurinenko B., Davydov R.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Conditions for modification of *Bacillus intermedius* ribonuclease with dialdehyde dextran was optimized by Box and Wilson's method to achieve the enzyme with higher activity. The generalized parameter including the yield of enzyme protein and enzyme stability during modification was used. The yield of activity and preparation characteristics depended on a number of enzyme-carrier bonds.
